PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under, the Paper....

RADE NEW POSITIVE for form 1449/PTO

Sheet 1

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	09/603,310			
Filing Date	June 21, 2000			
First Named Inventor	Carlton Sparrell			
Art Unit	2665			
Examiner Name	Thien D Tran			
Attorney Docket Number	010-42			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f Interns)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		US- 5,334,975	08-02-1994	Wachob et al.	
TT		US- 5,537,414	07-16-1996	Takiyasu et al.	
77		US- 5,644,576	07-01-1997	Bauchot et al.	
TT		<sup>US-</sup> 5,677,927	10-14-1997	Fullerton et al.	
TT		<sup>US-</sup> 5,687,169	11-11-1997	Fullerton	
TT		<sup>US-</sup> 6,285,873 B1	09-04-2001	Quick, Jr.	
TT		<sup>US-</sup> 6,347,084 B1	02-12-2002	Hulyalkar et al.	RECEIVED
TT		US- 6,437,832 B1	08-20-2002	Grabb et al.	ILCEIVED
TT		<sup>US-</sup> 6,492,904 B2	12-10-2002	Richards	MAR 2 4 2004
TT		<sup>US-</sup> 6,497,656 B1	12-24-2002	Evans et al.	WAN 2 4 2004
TH		<sup>US-</sup> 6,505,032 B1	01-07-2003	McCorkle et al.	Technology Center 2600
11	-	<sup>US-</sup> 6,549,567 B1	04-15-2003	Fullerton	Thorntology outlier 2000
		US-			

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	<u> </u>	Or Relevant Figures Appear	T
TT		WO 02/31986 A2	04-18-2002	McCorkle et al.		
						╄
						Ļ
			-	1		┢
		-				╄

Examiner Date Considered OC/08/DC					
1 / / (20)	Examiner Signature	Considered	06/0	8/	05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you'require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. O 1 P E C 1015 W

PTO/SB/08A (08-03) Approved for use through 07/31/2006, OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

rsons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Rediction Act of 1995, p
Substitute for form 1449/PTO ADEMAR

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number | 09/603,310

Filing Date | June 21, 2000

First Named Inventor | Carleton Sparrell

Art Unit | 2665

Examiner Name | Thien D. Tran

Attorney Docket Number | 00042

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number ·  Number-Kind Code <sup>2</sup> (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TI	<del>                                     </del>	US- 3,668,639	06-06-1972	Harmuth	
11	-	US- 3,678,204	07-18-1972	Harmuth	
77		us- 3,728,632	04-17-1973	Ross	
77		<sup>US-</sup> 3,875,524	04-1975	Harzer et al.	
77		<sup>US-</sup> 4,232,339	11-1980	Smiley et al.	
11		<sup>US-</sup> 4,506,267	03-19-1985	Harmuth	
77		<sup>US-</sup> 4,574,378	03-1986	Kobayashi	_
77	-	<sup>US-</sup> 4,641,317	02-03-1987	Fullerton	
17		<sup>US-</sup> 4,644,534	02-1987	Sperlich	
77		<sup>US-</sup> 4,651,152	03-17-1987	Harmuth	·
17		<sup>US-</sup> 4,672,608	06-1987	Ball et al.	
71		<sup>US-</sup> 4,743,906	05-10-1998	Fullerton	
77		<sup>US-</sup> 4,763,325	08-1988	Wolfe et al.	
TT		<sup>US-</sup> 4,813,057	03-14-1989	Fullerton	
71		US- 5,134,408	07-28-1992	Harmuth	
TI		<sup>US-</sup> 5,148,174	09-15-1992	Harmuth	
11		<sup>US-</sup> 5,153,595	10-06-1992	Harmuth	
17		<sup>US-</sup> 5,159,343	10-27-1492	Harmuth	
11		<sup>US-</sup> 5,307,081	04-26-1994	Harmuth	

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
_		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	۲
TT		WO 01/93434 A2	10-06-2001	Rofheart et al.		
	<u> </u>					L
						┡
<del></del> .						┢
	<del> </del> -					

					<u></u>	l
Examiner Signature	1	hu	Date Considered	06/	08/1	25

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ŝ

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction

Substitute for form 1449/PTO

Sheet 2

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 0 2 2005

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/603,310				
Filing Date	June 21, 2000				
First Named Inventor	Carleton Sparrell				
Art Unit	2665				
Examiner Name	Thien D. Tran				
Attorney Docket Number	00042				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT	_	US- 5,334,975	08-02-1994	Wachob et al.	
+		<sup>US-</sup> 5,365,240	11-15-1994	Harmuth	
#		US- 5,493,691	02-20-1996	Barrett	
TT		<sup>US-</sup> 5,519,400	05-1996	McEwan	
7		<sup>US-</sup> 5,523,758	06-04-1996	Harmuth	
1		<sup>US-</sup> 5,586,145	12-17-1996	Morgan et al.	
11		US- 5,592,177	01-07-1997	Barrett	
TT		<sup>US-</sup> 5,594,738	01-1997	Crisler et al.	
77		<sup>US-</sup> 5,610,907	03-11-1997	Barrett	
T		<sup>US-</sup> 5,675,388	10-1997	Cooper	
TT		<sup>US-</sup> 5,715,236	02-03-1998	Gilhousen et al.	
11		<sup>US-</sup> 5,748,891	05-05-1998	Fleming et al.	
77		<sup>US-</sup> 5,761,197	06-1998	Takefman	
71		<sup>US-</sup> 5,812,671	09-1998	Ross	
TT		us- 5,850,422	12-1998	Chen	<u> </u>
TI		us- 5,886,652	03-1999	Adachi et al.	
पंच		<sup>US-</sup> 5,889,767	03-1999	Kimura	
TT		<sup>US-</sup> 5,903,605	05-1999	Crittenden	
TT		<sup>US-</sup> 5,909,491 A	06-1999	Luo	

	FOREIGN PATENT DOCUMENTS								
Examiner Cite	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°			
						┝			
····						▙			
	1			·		$\bot$			

Examiner Signature	Then	Date Considered	06/	/1 V /	05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

MAR 0 2 2005 to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of PADEMARY TRADEMARY

Substitute for form 1449/PTO

Sheet 3

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/603,310				
Filing Date	June 21, 2000				
First Named Inventor	Carleton Sparrell				
Art Unit	2665				
Examiner Name	Thien D. Tran				
Attorney Docket Number	00042				

	U. S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
	<del></del>	Number-Kind Code <sup>2 (8 known)</sup>	<del></del>	I	1 iga/007 #pea.					
TT		<sup>US-</sup> 5,920,278	07-06-1999	Tyler et al.						
TT		<sup>US-</sup> 5,940,435	08-1999	Hendrickson						
$\pi$		<sup>US-</sup> 6,002,708	12-14-1999	Fleming et al.						
TT		<sup>US-</sup> 6,026,125	02-15-2000	Larrick, Jr. et al.						
TT		<sup>US-</sup> 6,041,051	03-2000	Doshi et al.						
7		<sup>US-</sup> 6,055,411	04-25-2000	Ishida et al.						
77		<sup>US-</sup> 6,064,697	05-2000	Yoshikawa						
TT		<sup>US-</sup> 6,067,648	05-2000	Hunter et al.						
TT		<sup>US-</sup> 6,069,887	05-2000	Geiger et al.						
11		<sup>US-</sup> 6,097,766	08/2000	Okubo et al.						
TT		<sup>US-</sup> 6,115,390	09-05-2000	Chuah						
TT		<sup>US-</sup> 6,122,291 A	09-2000	Robinson et al.						
TT		<sup>US-</sup> 6,133,876	10-17-2000	Fullerton et al.						
TT		US- 6,178,217 B1	01-23-2001	Defries et al.						
TT		us- 6,181,687	01-2001	Chatschik Bisdikian						
71		<sup>US-</sup> 6,212,230	04-2001	Rybicki et al.						
TT		<sup>US-</sup> 6,232,910 B1	05-15-2001	Bell et al.						
TT		<sup>US-</sup> 6,236,662 B1	05-2001	Reilly						
TI		<sup>US-</sup> 6,239,741 B1	05-2001	Fontana et al.						

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Т
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
						Ļ
						╄
						╄
	_					╆
						╄

Examiner Signature	Thier	Date Considered	06/0	r8/0	<i>/</i> C

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

Sheet 4

Under the Paperwork Reduction Act of 199

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PADEMA

(Use as many sheets as necessary)

Complete if Known

Application Number 09/603,310

Filing Date June 21, 2000

First Named Inventor Carleton Sparrell

Art Unit 2665

Examiner Name Thien D. Tran

Attorney Docket Number 00042

respond to a collection of information unless it contains a valid OMB control number.

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (F known)			Figures Appear
TT	l	<sup>US-</sup> 6,246,277 B1	06-12-2001	Aiello et al.	
Tr		<sup>US-</sup> 6,246,377 B1	06-12-2001	Aiello et al.	
77		<sup>US-</sup> 6,275,500	08-2001	Callaway et al.	·
11		<sup>US-</sup> 6,275,544 B1	08-14-2001	Aiello et al.	
77		<sup>US-</sup> 6,292,153 B1	09-18-2001	Aiello et al.	
TH		<sup>US-</sup> 6,300,903 B1	10-09-2001	Richards et al.	
TT		<sup>US-</sup> 6,310,865 B1	10-2001	Ohki	
77		<sup>US-</sup> 6,324,397 B1	11-2001	Adachi et al.	
TT		<sup>US-</sup> 6,351,468 B1	02-2002	LaRowe et al.	
TT		<sup>US-</sup> 6,351,652 B1	02-26-2002	Finn et al.	
TT		<sup>US-</sup> 6,385,461 B1	05-2002	Raith	
77		<sup>US-</sup> 6,400,308	06-2002	Bell et al.	
11		<sup>US-</sup> 6,424,645	07-2002	Kawabata et al.	,
11		US- 6,449,265 B1	09-2002	Prieto, Jr.	
TT		us- 6,463,042	10-2002	Risto Paatelma	
11		<sup>US-</sup> 6,477,171 B1	11-2002	Wakeley et el.	
TI		<sup>US-</sup> 6,480,505 B1	11-2002	Johansson et al.	
TT		<sup>US-</sup> 6,497,656 B1	12-24-2002	Evans et al.	
77		<sup>US-</sup> 6,505,032 B1	01-07-2003	McCorkle et al.	

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°.
		<u> </u>		<u> </u>	, ,	

Examiner	<u> </u>		Date	$\sim$ /	m 0/	11
Signature	/ /	u	Considered	066	O8U	9

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAR 0 2 2005

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, in persons are required elegand to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 5

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 09/603,310

 Filing Date
 June 21, 2000

 First Named Inventor
 Carleton Sparrell

 Art Unit
 2665

 Examiner Name
 Thien D. Tran

 Attorney Docket Number
 00042

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
77	<del> </del>	Number-Kind Code <sup>2 (# Anown)</sup> US- 6,510,150	01-2003	Chiu V Ngo	, garact ppec
				Chiu Y Ngo	<del></del>
77_		<sup>US-</sup> 6,519,460	02-2003	Haartsen	
$\prod$		us- 6,539,213 B1	03-25-2003	Richards et al.	
71		<sup>US-</sup> 6,549,567 B1	04-15-2003	Fullerton	
TT		<sup>US-</sup> 6,574,266 B1	06-2003	Jacobus Haartsen	
71		<sup>US-</sup> 6,597,683	07-2003	Gehring et al.	
TT		<sup>US-</sup> 6,603,818 B1	08-2003	Dress et al.	
77		<sup>US-</sup> 6,621,857 B1	09-2003	Belotserkovsky et al	
TT		<sup>US-</sup> 6,625,229 B2	09-2003	Dress et al.	
ŤĪ		<sup>US-</sup> 6,628,642	09-2003	Mile'n et al.	
TI		<sup>US-</sup> 6,633,558	10-2003	Cho et al.	
TI		<sup>US-</sup> 6,668,008	12-2003	Panasik	
]		<sup>US-</sup> 6,697,382	02-2004	Eatherton	
11		<sup>US-</sup> 6,707,828	03-2004	Chuah et al.	
TT		<sup>US-</sup> 6,735,238 B1	05-2004	McCorkle et al.	
TT		<sup>US-</sup> 6,735,734 B1	05-2004	Liebetreu et al.	
11		<sup>US-</sup> 6,747,959 B1	06-2004	Jin-Meng Ho	
TI		<sup>US-</sup> 2001/0055353	12-2001	Rybicki et al.	
TT		<sup>US-</sup> 2002/0018458	02-14-2002	Aiello et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>2</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
						L

Signature Date Consider	06/	08/05
-------------------------	-----	-------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995 no persons are re BADEMAR

Substitute for form 1449/PTO

Sheet 6

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 0 2 2005

(Use as many sheets as necessary)

Complete if Known Application Number 09/603,310 Filing Date June 21, 2000 First Named Inventor Carleton Sparrell Art Unit 2665 Thien D. Tran **Examiner Name** 00042 Attorney Docket Number

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Oate MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		<sup>US-</sup> 2002/0131370	09-2002	Chuah et al.	
17		<sup>US-</sup> 2003/0054764 A1	03-2003	McCorkle et al.	
TT		<sup>US-</sup> 6,097,707 A	08-01-2000	Hodzic et al.	
TT		<sup>US-</sup> 6,236,662 B1	05-2001	Reilly	
TT		<sup>US-</sup> 6,351,468 B1	02-2002	LaRowe et al.	
		US-			
		US-			
		US-			
•		US-			
		US-			
•		US-			
		US-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear					
		•								
			- 1							

	==				
Examiner Signature	Then	Date Considered	061	osl	05

\*EXAMINER: Initial if reference donsidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

MAR 0 2 2005

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

quired to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act Complete if Known Substitute for form 1449/PTO Application Number 09/603,310 INFORMATION DISCLOSURE **Filing Date** June 21, 2000 STATEMENT BY APPLICANT **First Named Inventor** Carleton Sparrell Art Unit 2665 (Use as many sheets as necessary) **Examiner Name** Thien D. Tran Attorney Docket Number 00042 Sheet of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
TT	_	"802.1D and 802.1Q Bridging Conformance" TA Document IEEE802.17-11Jul2001/040:3, 1394 Trade Association, 7 pages, October 2001.	
TT		Brunoi Pattan, A Brief Exposure to Ultra-Wideband Signaling, Microwave Journal, December 2003, 5 pages.	
TT		David G. Leeper, Wireless Data Blaster, Scientific American, May 2002, Pages 65-69.	
TT		Dr. James P. K. Gilb, Wireless Multimedia A Guide to the IEEE 802.15.3 Standard, March 2004, 14 pages.	
11		AETHER WIRE & LOCATION, INC., ROBERT FLEMING et al., "Integrated, Low-Power, Ultra-Wideband Tranceivers for Distributed Position Location and Communication," Technical Abstracts of Proposal to Defense Advanced Research Projects Agency (DARPA), Part I - Technical Proposal, 1998, Pages 1-52.	
TT		AETHER WIRE & LOCATION, INC., ROBERT FLEMING et al., "Low-Power, Miniature, Distributed Position Location and Communication Devices Using Ultra-Wideband, Nonsinusoidal Communication Technology," Semi-Annual Technical Report Prepared for: ARPA/FBI, July 1995, Pages 1-40.	
TT		HENNING F. HARMUTH, "Fundamental Limits for Radio Signals With Large Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-23, No. 1, February 1981, Pages 37-43.	
71		HENNING F. HARMUTH, "Frequency-Sharing and Spread-Spectrum Transmission with Large Relative Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-20, No. 1, February 1978, Pages 232-239.	
77		HENNING F. HARMUTH, "Applications of Walsh functions in communications," IEEE Spectrum, November 1969, Pages 82-91.	
71		HENNING F. HARMUTH et al., "Large-Current, Short-Length Radiator for Nonsinusoidal Waves," IEEE International Symposium on Electromagnetic Compatibility, 1983, Pages 453-456.	

Examiner Signature	Thren	Date Considered	06/08/0	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.